

Query Match	99.6%	Score 354.4	DB 40	Length 356
Best Local Similarity	99.7%	Pred. NO. 6.9e-103		
Matches 355	Conservative 0	Mismatches 1	Indels 0	Gaps 0
QY 1	tcgacccctcggaacccatcagggagaccacagctcagccagccaaagcaacatcggcccaagcc	60		
DB 1	TCGACCTCTGGAAACCTATCAGGGAGCACAGTCAGCAGGAGCAAGCAATCTGCCCAAGCC	60		
QY 61	aaggttggaagcctgacagcgtgtgaggggtttgtgaaacaactttaggggagcagataatg	120		
DB 61	AAGGCTGAGAGCAATGACAGCTGTGGGGGCTGTGTGAAAACCTTGAAGGAGACAGATATGCG	120		
QY 121	gccaaccatgaactcaatgtctctcggagagcccaacaggaactcttgatcaacctgtgggggt	180		
DB 121	GCCAACTATGACTATAGTCTCTCTGGAGGCCCAACAGGACCTGCTGATCTTCCTGTGGGGGT	180		
QY 181	ggaagttggacaagaaggaagggttgaaatcggtactcgtcgtattacaacctctgtgctgct	240		
DB 181	GAGGTGGGACAAGGAGGAAGGGGTGATGTGTCTGTATTCATCAACCTCTGTGTCCTCCT	240		

Oy	241	ccccctcccttattatcggaggaaggacgacgcaccaagtgttcacagccagcttcag	300
Db	241	ccccctcccttattatcggaggaaggacgacgcaccaagtgttcacagccagcttcag	300
Oy	301	gggcaaaagcctgcaccagacaagaataactcgtttcttcaccttgagagctgaagaattc	356
Db	301	ggcgaaagcctgcaccagacaagaataactcgtttcttcaccttgagagctgaagaattc	356
RESULT	4		
HSGG4		19226 bp	DNA
LOCUS			PRI
DEFINITION		Human DNA sequence from cosmid G64 from a contig from the tip of	19-MAR-1997
ACCESSION		the short arm of chromosome 10, spanning 2Mb of 16p13.3.	
NID		284722	
KEYWORDS		g1817579	
SOURCE		16p13.3.	
ORGANISM		human.	
REFERENCE		Homo sapiens	
AUTHORS		Eukaryotes; mitochondrial eukaryotes; Metazoa; Chordata;	
TITLE		Vertebrata; Eutheria; Primates; Catarrhini; Homnidae; Homo.	
JOURNAL		1 (pages 1 to 19226)	
COMMENT		Flint,J. and Higgs,D.R.	
		Submitted (28-JAN-1997) Sanger Centre, 970124/Hinxton,	
		Cambridgeshire, CB10 1RQ, UK. E-mail enquiries: humpub@sanger.ac.uk	
		IMPORTANT: This sequence is not the entire insert of clone G64.	
		This clone was sequenced at the Institute of Molecular Medicine.	
		The true left end of clone G64 is at 1 in this sequence. The true	
		right end of clone RA36 is at 456.	
		The true left end of clone PX4 is extending from the telomere of	
		G64 is from a 280kb clone contig extending from the telomere of	
		1bp.	
		Higgs D.R., Flint J. unpublished. MRC Molecular Haematology Unit,	
		Institute of Molecular Medicine, Oxford.	
		G64 came from the Los Alamos, flow sorted human Chromosome 16	
		library.	
FEATURES		location/Qualifiers	
source		1..19226	
		/organism="Homo sapiens"	
		/db_xref="taxon:9606"	
		/chromosome="16"	
		/map="16p13.3"	
		/clone="G64"	
		601..894	
		/note="AlusB repeat: matches 301..5 of consensus"	
		1156..1290	
		/note="AlusX repeat: matches 1..136 of consensus;	
		incomplete repeat"	
		1291..1601	
		/note="AlusP repeat: matches 1..300 of consensus"	
		1602..1758	
		/note="AlusG repeat: matches 132..288 of consensus;	
		incomplete repeat"	
		3487..3784	
		/note="AlusG repeat: matches 1..299 of consensus"	
		3809..4104	
		/note="Aluo repeat: matches 1..302 of consensus"	
		4823..5030	
		/note="AlusG repeat: matches 2..208 of consensus;	
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		5122..5280	
		/note="FAM repeat: matches 164..5 of consensus"	
		5759..5903	
		/note="LMC2 repeat: matches 169..321 of consensus"	
		6130..6427	
		/note="AlusG repeat: matches 297..1 of consensus"	
		6428..6724	
		/note="Aluo repeat: matches 299..1 of consensus"	
		7144..7265	
		repeat_region	